**Earth Science Ocean Basins (Chapter 19 Outline)**

***AS YOU READ, RESPOND TO THE FOLLOWING:***

*Vocabulary*: **Define in your own words**

Global ocean-

sea-

Oceanography-

Sonar-

Continental margin-

Deep-ocean basin-

Trench-

Abyssal plain-

Core sample-

Nodule-

*Respond to the following:*

What are the five major oceans that make the global ocean? Describe characteristics of each major ocean in terms of locations and characteristics (you might need to do some research outside of your textbook). (5 pts)

How do oceanographers study the ocean? Be specific. (2 pt)

What are the main features of the continental margins? Describe each feature in detail. (6 pts)

What are the main features of the deep-ocean basin? Describe each feature in detail. (8 pts

How do ocean-floor sediments form? Explain how the density of sedimentary particles affects distribution of sediments on the ocean floor. (2 pts)

***ABOUT THE READING:***

Write three things that you learned about Ocean Basins*:*

***Make sure to write a full sentence.***

*Example: I learned that tablemounts are volcanic islands that have sunk and have been eroded by waves, leading to a flat top.*

*1.*

*2.*

*3.*

***Assigned work****:*

*Research the Marianna Trench. Write a short paragraph that describes the geologic history and summarizes what we know about the Mariana Trench. How did it form? What lives there? What is the pressure like? Cite your resource below your paragraph.*

*(8 pts)*